



Investigation on flow boiling heat transfer in open multi-microchannel heat sinks

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Abstract. There is little information currently available in open literature on the two-phase flow in open multi-microchannels. The aim of this paper is to summarize recent developments in research on the two-phase heat transfer and flow characteristics in open multi-microchannels and to provide a guideline on perspective for future research.

Keywords: Flow boiling, open microchannels, heat transfer